

Sexually Transmitted Disease in Wisconsin

2005

Southern Region



Wisconsin STD Program

Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "all STDs" refers specifically to reported cases of chlamydia, gonorrhea, syphilis, and primary genital Herpes simplex virus (HSV) infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
4. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
5. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
6. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
7. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

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Table 1. Reported cases of sexually transmitted disease
Southern Region
Year: 2005

	<u>All STDs</u>		<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>		<u>Genital HSV</u>	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Total	4216	100.0%	3052	100.0%	680	100.0%	23	100.0%	461	100.0%
Sex										
Male	1350	32.0%	960	31.5%	286	42.1%	14	60.9%	90	19.5%
Female	2846	67.5%	2079	68.1%	391	57.5%	9	39.1%	367	79.6%
Unknown	20	0.5%	13	0.4%	3	0.4%	0	0.0%	4	0.9%
Race										
White	2064	49.0%	1555	51.0%	228	33.5%	10	43.5%	271	58.9%
Black	1045	24.8%	710	23.3%	293	43.1%	12	52.2%	30	6.5%
Am. Indian	23	0.5%	18	0.6%	2	0.3%	0	0.0%	3	0.7%
Asian/Pacific Is.	81	1.9%	67	2.2%	9	1.3%	0	0.0%	5	1.1%
Other	58	1.4%	46	1.5%	6	0.9%	1	4.3%	5	1.1%
Unknown	942	22.4%	654	21.4%	142	20.9%	0	0.0%	146	31.7%
Hispanic ethnicity										
Hispanic	226	5.4%	190	6.2%	18	2.6%	4	17.4%	14	3.0%
Non Hispanic	2831	67.1%	2065	67.7%	461	67.8%	19	82.6%	286	62.0%
Unknown	1159	27.5%	797	26.1%	201	29.6%	0	0.0%	161	34.9%
Age group										
0-4	1	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.2%
5-9	1	0.0%	0	0.0%	1	0.1%	0	0.0%	0	0.0%
10-14	40	0.9%	30	1.0%	7	1.0%	0	0.0%	3	0.7%
15-19	1158	27.5%	909	29.8%	184	27.1%	1	4.3%	64	13.9%
20-24	1683	39.9%	1304	42.7%	234	34.4%	2	8.7%	143	31.0%
25-29	745	17.7%	516	16.9%	130	19.1%	8	34.8%	91	19.7%
30-34	262	6.2%	155	5.1%	60	8.8%	1	4.3%	46	10.0%
35-39	141	3.3%	75	2.5%	32	4.7%	1	4.3%	33	7.2%
40-44	82	1.9%	36	1.2%	17	2.5%	3	13.0%	26	5.6%
45-49	55	1.3%	19	0.6%	10	1.5%	3	13.0%	23	5.0%
50+	48	1.1%	8	0.3%	5	0.7%	4	17.4%	31	6.7%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Table 2. Reported cases of sexually transmitted disease by year
Southern Region

Year	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	2,425	1,519	514	55	337
1994	2,549	1,673	533	39	304
1995	2,061	1,304	385	56	316
1996	2,028	1,249	329	52	398
1997	2,329	1,463	470	39	357
1998	2,683	1,762	550	16	355
1999	2,494	1,700	482	6	306
2000	3,259	2,128	855	17	259
2001	3,490	2,422	766	8	294
2002	3,543	2,535	709	11	288
2003	3,752	2,718	718	11	305
2004	4,060	2,846	746	10	458
2005	4,216	3,052	680	23	461
Total	38,889	26,371	7,737	343	4,438

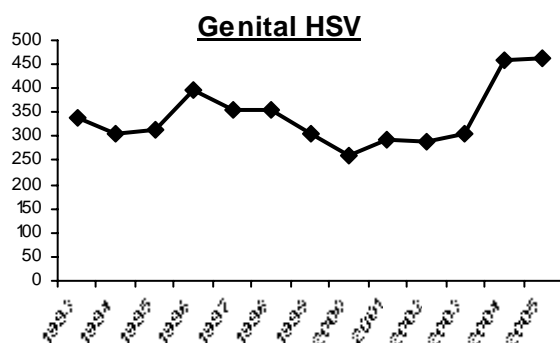
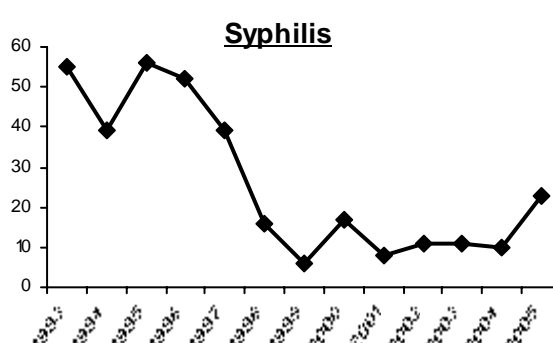
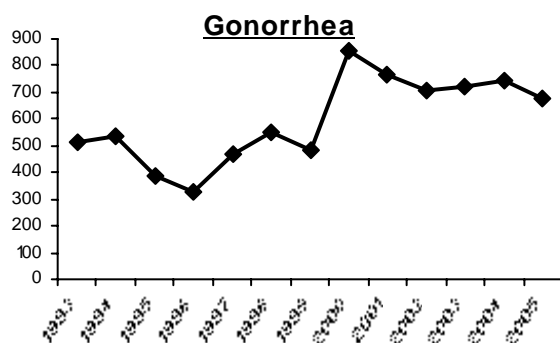
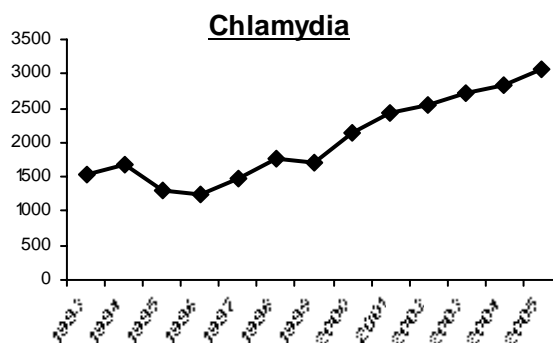
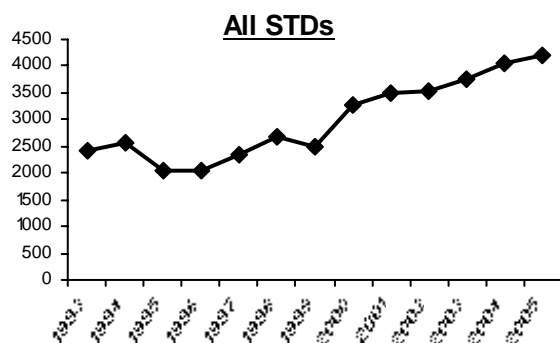


Table 3. Reported cases of sexually transmitted disease by county

Southern Region

Year: 2005

County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Adams	25	0.6%	121	18	0.6%	87	1	0.1%	**	0	0.0%	**	6	1.3%	29
Columbia	119	2.8%	217	92	3.0%	168	5	0.7%	9	0	0.0%	**	22	4.8%	40
Crawford	27	0.6%	155	20	0.7%	115	0	0.0%	**	0	0.0%	**	7	1.5%	40
Dane	2368	56.2%	522	1669	54.7%	368	455	66.9%	100	14	60.9%	3	230	49.9%	51
Dodge	313	7.4%	354	258	8.5%	292	22	3.2%	25	1	4.3%	**	32	6.9%	36
Grant	112	2.7%	222	80	2.6%	159	11	1.6%	22	0	0.0%	**	21	4.6%	42
Green	84	2.0%	239	67	2.2%	191	8	1.2%	23	1	4.3%	**	8	1.7%	23
Iowa	35	0.8%	148	27	0.9%	114	0	0.0%	**	0	0.0%	**	8	1.7%	34
Juneau	74	1.8%	290	57	1.9%	223	5	0.7%	20	0	0.0%	**	12	2.6%	47
Lafayette	24	0.6%	147	22	0.7%	135	1	0.1%	**	0	0.0%	**	1	0.2%	**
Richland	33	0.8%	181	23	0.8%	126	1	0.1%	**	0	0.0%	**	9	2.0%	49
Rock	788	18.7%	505	558	18.3%	357	158	23.2%	101	6	26.1%	4	66	14.3%	42
Sauk	168	4.0%	287	126	4.1%	216	11	1.6%	19	1	4.3%	**	30	6.5%	51
Vernon	46	1.1%	159	35	1.1%	121	2	0.3%	**	0	0.0%	**	9	2.0%	31
Total	4216	100.0%	402	3052	100.0%	291	680	100.0%	65	23	100.0%	2	461	100.0%	44

* Cases per 100,000 population

** Rate not calculated for categories with less than 5 cases.

Table 4. Reported cases of sexually transmitted disease by age and disease
Southern Region
Year: 2005

All STDs			Chlamydia			Gonorrhea		
Age	Cases	Rate*	Age	Cases	Rate*	Age	Cases	Rate*
0-4	1	**	0-4	0	**	0-4	0	**
5-9	1	**	5-9	0	**	5-9	1	**
10-14	40	57	10-14	30	43	10-14	7	10
15-19	1,158	1508	15-19	909	1184	15-19	184	239
20-24	1,683	1910	20-24	1,304	1479	20-24	234	265
25-29	745	1054	25-29	516	730	25-29	130	183
30-34	262	380	30-34	155	224	30-34	60	87
35-39	141	187	35-39	75	99	35-39	32	42
40-44	82	96	40-44	36	42	40-44	17	19
45-49	55	66	45-49	19	22	45-49	10	12
50+	48	15	50+	8	2	50+	5	1
Total	4,216	402	Total	3,052	291	Total	680	64

Syphilis			Genital HSV		
Age	Cases	Rate*	Age	Cases	Rate*
0-4	0	**	0-4	1	**
5-9	0	**	5-9	0	**
10-14	0	**	10-14	3	**
15-19	1	**	15-19	64	83
20-24	2	**	20-24	143	162
25-29	8	11	25-29	91	128
30-34	1	**	30-34	46	66
35-39	1	**	35-39	33	43
40-44	3	**	40-44	26	30
45-49	3	**	45-49	23	27
50+	4	**	50+	31	10
Total	23	2	Total	461	44

* Cases per 100,00 population

** Rate not calculated for categories with less than 5 cases.

Table 5. Reported sexually transmitted disease, reported rates* and imputed rates by race**

Southern Region

Year: 2005

	Cases per 100,000 population***				
	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
White	209 - 270	158 - 200	23 - 29	1 - 1	27 - 39
Black	2965 - 3793	2014 - 2568	831 - 1051	34 - 34	85 - 138
Am. Indian	475 - 633	372 - 491	** - **	** - **	** - **
Asian/Pacific Is.	339 - 444	280 - 362	37 - 48	** - **	20 - 33

* The reported rate is the number reported cases with specified race per 100,000 population. Because some cases are reported with unspecified race, the reported rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

*** Rate not calculated for categories with less than 5 cases.